

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S109	7	("3904318" "4114586").PN. OR ("5282446").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/12/08 15:34
S108	4	("4806075" "5282446").PN. OR ("6345600").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/12/08 15:34
S110	351	123/198c.ccls.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/12/08 15:35
S111	25	S110 and (vacuum and oil)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/12/08 15:36
S113	562	((oil near3 pump) chain sprocket gear)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/12/08 15:44
S112	1220	(oil pump chain sprocket gear)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/12/08 15:44
S114	269	((oil near3 pump) (chain with drive with sprocket) gear)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/12/08 15:45
S115	9	("20010023623" "2914137" "4373483" "5535643" "6116878" "6183230" "6267094" "6601557").PN. OR ("7364018").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/12/08 15:54
S117	1	(US-6601557-\$.did.	USPAT	SAME	ON	2010/12/08 16:08
S116	0	S115 and vacuum	US-PGPUB; USPAT; USOCR	SAME	ON	2010/12/08 16:08
S118	5	("6601557").URPN.	USPAT	SAME	ON	2010/12/08 16:10
S119	219	vacuum oil pump shaft gear rotary	US-PGPUB; USPAT; USOCR	SAME	ON	2010/12/08 16:18
S120	3	("4478562").URPN.	USPAT	SAME	ON	2010/12/08 16:22
S121	0	("3401868").URPN.	USPAT	SAME	ON	2010/12/08 16:27
S122	15	(vacuum near3 pump) (oil near3 pump) (shaft with gear with rotary)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/12/08 17:07

S123	73	((vacuum near3 pump) (oil near3 pump)) and (shaft with gear with rotary)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/12/08 17:08
S124	209	123/196R.ccls. and vacuum	US-PGPUB; USPAT; USOCR	SAME	ON	2010/12/08 17:12
S125	15	("2655110" "2935023" "20020136655" "20030091452" "4214652" "4497618" "5052896" "5188522" "5213491" "5529399" "5549452" "6579070" "6763797").PN.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/12/08 17:19
S126	35	418/210,211,212,214.ccls. and vacuum	US-PGPUB; USPAT; USOCR	SAME	ON	2010/12/08 17:27
S127	27	("1657905" "2409477" "2427347" "2575074" "2655110" "2766693" "2892413" "2921528" "2935023" "3037455" "3771921" "3778192" "3898810").PN. OR ("4497618"). URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/12/08 17:37
S128	10	(tandem with pump) vacuum gear shaft	US-PGPUB; USPAT; USOCR	SAME	ON	2010/12/08 17:38
S129	3	("2769394").URPN.	USPAT	SAME	ON	2010/12/08 17:39
S130	2684	vacuum and ((sprocket with chain) pulley)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/12/08 17:44
S132	2	((vacuum or oil) near2 pump) and ((sprocket with chain) with (replace or substitute) with pulley)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/12/08 17:45
S131	1366	((vacuum or oil) near2 pump) and ((sprocket with chain) pulley)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/12/08 17:45
S133	19	(pump) and ((sprocket with chain) with (replace or substitute) with pulley)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/12/08 17:52
S134	31	(pump) and ((sprocket) with (replace or substitute) with pulley)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/12/08 17:54
S136	425	417/201.ccls.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/12/08 17:56
S135	279	417/199.1.ccls.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/12/08 17:56

S138	176	(S135 or S136 or S137) and vacuum	US-PGPUB; USPAT; USOCR	SAME	ON	2010/12/08 17:57
S137	430	417/203.ccls.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/12/08 17:57
S139	44	gear with between with oil with vacuum	US-PGPUB; USPAT; USOCR	SAME	ON	2010/12/08 17:59
S140	22	("1341915" "1665670" "1695152" "2698576" "2837075" "4134713" "4436067").PN. OR ("4586468").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/12/08 18:01
S141	21	vacuum with oil with common with shaft with pump	US-PGPUB; USPAT; USOCR	SAME	ON	2010/12/08 18:05
S144	186	S143 and (oil near2 pump)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/12/08 18:06
S143	1244	"123".clas. and (vacuum near2 pump)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/12/08 18:06
S142	0	"123".ccls. and (vacuum near2 pump)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/12/08 18:06

EAST Search History (Interference)

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12/ 8/ 2010 7:51:24 PM**H:\ 3746 Cases\ App 10-553398 Oil vacuum pump group\ 10553398 search.wsp**